

Jeff Bell

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Objective

To find an internship at an innovative company that will challenge me to master the technical skills of computer science while putting those skills to use to make a creative product.

Education

THE UNIVERSITY OF TEXAS AT AUSTIN

Junior - B.S. Computer Science — 2014-May 2018

Overall GPA: 3.90/4.0

RELATED COURSES

Programming I

Linear Algebra

Calculus

Data Structures & Algorithms

Musical Acoustics

Digital Imaging

Probability

Statistics

Discrete Math

Computer Architecture

Programming: C++

Programming: Python

Experiences

PESTRUTES SOFTWARE — SOFTWARE ENGINEER INTERN

[SUMMER 2016]

- Full stack development on web-based office management software for pest control companies.
- Development tools included PHP, MySQL, Javascript, jQuery, and GitHub.
- Given large responsibility in development of new features, customer support, and major and minor bug fixing.

PRINCIPAL PROGRAMMER — 3D SCANNING STARTUP ACTIVITY

[2015 - PRESENT]

- Sole programmer in forming company, bringing algorithms from MatLab to C++ for 3D object determination.
- Uses C++ and multi-platform libraries such as OpenCV for highly technical and clinical scans using custom made 3D scanners.

SANGER LEARNING CENTER — STUDENT SPEECH CONSULTANT

[2016 - PRESENT]

- Meets with students and groups to prepare speeches, presentations, and develop public speaking skills.
- Provides presentation feedback and guidance for structure and planning for presentations.

SANGER LEARNING CENTER — OUTREACH ASSISTANT

[2015 - 2016]

- Presented on the services at the learning center, time management, good study habits, and surviving finals.
- Required public speaking skills and working with first year students, the most common audience.

LONGHORN BAND — HEAD TRUMPET SECTION LEADER

[2015 - PRESENT]

- Teaches new members marching technique for the Longhorn Band at the beginning of the year.
- Leads section decisions and a group of individuals to ensure they march and play at the highest standard.

EAGLE SCOUT — KAPPA KAPPA PSI — PHI MU ALPHA SINFONIA

Notable Works

JEFFREYHBELL.COM

[2016-PRESENT]

- Developed responsive, single-page resume website using HTML5, CSS, jQuery, and GitHub Pages.

TEXASSINFONIA.ORG

[2015-PRESENT]

- Developed website for the Alpha Iota chapter of Phi Mu Alpha Sinfonia, national honorary music fraternity.
- Utilizes Bootstrap and AngularJS for a clean look that works both on mobile platforms and desktops.

TD4K

[2012]

- Developed 4 kilobyte tower defense game for Java4k competition that is playable from a web browser.
- Heavily optimized code to maintain size requirements using various compression and shorthand techniques.

MARBLEPAINT (TEAM PROJECT)

[2011]

- Created an Android app that simulated drawing with marble dipped in paint controlled by the accelerometer.
- Required development of physics to make the marble roll and drawing images in photoshop for the menus.
- Published the app to the Google Play Store where it remains today available for download.

Skills

PROGRAMMING LANGUAGES

Java, PHP, SQL, C++, Python, HTML, CSS, Javascript, jQuery

TOOLS

Vim, Git, Linux, Eclipse, Proficient with both Mac and PC, Microsoft Word, Excel, and Powerpoint, Adobe Photoshop, Adobe Illustrator